

REMARKS**Rejection of Claims under 35 U.S.C. 112, second paragraph**

The Examiner rejected Claims 10 and 11, stating that they were indefinite because Genbank accession numbers do not necessarily remain constant.

A Substitute Sequence Listing is being submitted concurrently with this Amendment, in order to incorporate the sequences from the referenced Genbank accession numbers. Thus, the Sequence Listing to include the sequences for Genbank accession numbers L42893 and U08284 as SEQ ID NOS 85 and 86, respectively. Claims 10 and 11 have been amended accordingly, and the Specification has been similarly amended to refer to SEQ ID Nos 85 and 86.

For the record, Applicants' Attorney notes that these two Genbank accession numbers have remained constant to date, since before the present application's priority date of June 18, 1999. The record for Genbank accession number L42893 was last revised on November 29, 1996, and the record for Genbank accession number U08284 was last revised on September 15, 1994. Attached for the Examiner's reference are Exhibits A and B which detail the revision history for each accession number. In view of these considerations, it is appropriate to incorporate the sequences into the Sequence Listing.

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Dreen M. Doyle Reg. No. 36,361 for
Elizabeth W. Mata

Registration No. 38,236

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: September 25, 2005

181 atacaacaaa atggtggtt agctgtcgaa gcggggcata atggaacatt gtttagcaggt
241 gcttatacaa tatcaaaact aataacacaa aaatttagatg gattgaaaaa ttcagaaaaa
301 ttaaaggaaa aaattgaaaa tgctaagaaa tgttctgaag attttactaa aaaactagaa
361 ggagaacatg cgcaacttgg aattgaaaat gttactgtatg agaatgcaaa aaaagctatt
421 ttaataacag atgcagctaa agataaggc gctgcagagc ttgaaaagct atttaaagca
481 gtagaaaact tggcaaaagc agctaaagag atgcttgcta attcagttaa agagcttaca
541 agtcctattg tggcagaaaag tccaaaaaaaaa ccttaataa

//

[Disclaimer](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Sep 7 2005 14:33:13

NCBI

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search Nucleotide for

Limits Preview/Index History Clipboard Details

Display GenBank

Range: from to Reverse complemented strand Features: SNP CDD MGC HPRD

1: L42893. Reports Borrelia burgdorferi [gi:858721]

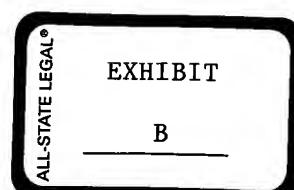
Links

LOCUS BOR26OSPC 576 bp DNA linear BCT 29-NOV-1996
 DEFINITION Borrelia burgdorferi (strain 297) outer surface protein (ospC) gene, partial cds.
 ACCESSION L42893
 VERSION L42893.1 GI:858721
 KEYWORDS .
 SOURCE Borrelia burgdorferi (Lyme disease spirochete)
 ORGANISM Borrelia burgdorferi
 Bacteria; Spirochaetes; Spirochaetales; Spirochaetaceae; Borrelia; Borrelia burgdorferi group.
 REFERENCE 1 (bases 1 to 576)
 AUTHORS Livey, I., Gibbs, C.P., Schuster, R. and Dorner, F.
 TITLE Evidence for lateral transfer and recombination in OspC variation in Lyme disease Borrelia
 JOURNAL Mol. Microbiol. 18 (2), 257-269 (1995)
 PUBMED 8709845
 FEATURES Location/Qualifiers
 source 1..576
 /organism="Borrelia burgdorferi"
 /mol_type="genomic DNA"
 /strain="297"
 /db_xref="taxon:139"
 gene 1..576
 /gene="ospC"
 CDS <1..>576
 /gene="ospC"
 /codon_start=1
 /transl_table=11
 /product="outer surface protein C"
 /protein_id="AAB37001.1"
 /db_xref="GI:1695218"
 /translation="CNNSGKDGNTSANSADESVKGPNLTEISKKITESNAVVLAVKEV
 ETLLTSIDELAKAIGKKIKNDVSLDNEADHNGSLISGAYLISTLITKKISAIKDSGEL
 KAEIEKAKKCSEEFTAKLKGEHTDLGKEGVTDNNAKKAILKTNNDKTKGADELEKLFE
 SVKNLSKAAKEMLTNSVKELTSPVVAESPKKP"
 mat_peptide 1..576
 /gene="ospC"
 /product="outer surface protein C"

ORIGIN

1 tgtaataatt cagggaaaga tggaaataca tctgcaaatt ctgtgtatga gtctgttaaa
 61 gggcctaatt ttacagaaat aagtaaaaaa attacagaat ctaacgcagt tggtctcgcc
 121 gtgaaagaag ttgaaacttt gcttacatct atagatgagc ttgctaaagc tattggtaaa
 181 aaaataaaaa acgatgttag tttagataat gaggcagatc acaacggatc attaatatca
 241 ggagcatatt taatttcaac attaataaca aaaaaataaa gtgcaataaa agattcaggaa
 301 gaattgaagg cagaaaattga aaaggctaag aaatgttctg aagaatttac tgctaaatca
 361 aaaggtgaac acacagatct tggtaaagaa ggcgttactg atgataatgc aaaaaaaagcc
 421 attttaaaaa caaataatga taaaactaag ggcgttactg aacttggaaa gttatttggaa
 481 tcagtaaaaaa acttgtcaaa agcagctaaa gagatgctt ctaattcagt taaagagctt
 541 acaaggccctg ttgtggcaga aagtccaaaa aacact

//



[Disclaimer](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Sep 7 2005 14:33:13